

Appln. No.: 10/535,569
Amendment Dated: June 15, 2007
Reply to Office Action of: March 22, 2007

MAT-8672US

Amendments to the Drawings:

The attached sheets of drawings include changes to Figures 3, 5A, 5B, and 5C. These sheets replace the original sheets.

Attachments

Remarks/Arguments:

Claims 1, 5-7, 11-12 and 14-16 are pending in the above-identified application. Claim 2-4, 8-10 and 13 are cancelled. New claims 15 and 16 have been added.

The Examiner objected to the drawings because Figs. 5A-5C were not designated as "Prior Art." Figs. 5A-5C were previously amended to include the label "Prior Art" in a Preliminary Amendment filed on May 19, 2005. Applicants have, however, enclosed a copy of Figs. 5A-5C that were filed with the Preliminary Amendment.

The Examiner objected to the drawings because they failed to show the following features in the claim:

1) "each terminal" recited in claim 1, line 5. "Each terminal" are ends 22A (Shown in Fig.3).

2) "conductive pattern part" on the printed circuit board, recited in claim 1, line 6. Fig. 3 has been amended to show each terminal 22A electrically coupled with the "conductive pattern part 26" of the printed circuit board. The specification has also been amended at page 6, line 16 to describe Applicants' exemplary embodiment more clearly. No new matter has been added.

3) "signal inputting parts" recited in claim 1, line 7. The "signal inputting parts" are lead wires 24. (Shown in Fig. 3).

4) "terminal" recited in claim 2, line 1. The "terminal" recited in claim 2 is the top terminal 22A. (Shown in amended Fig. 3).

5) "connector" recited in claim 2, line 2. Fig. 3 has been amended to show the "connector 27." The connector 27 electrically connects the other printed circuit board 28 to terminal 22A. The specification has also been amended at page 6, line 23 to describe Applicants' exemplary embodiment more clearly. No new matter has been added.

6) "another printed circuit board" recited in claim 2, line 2. Fig. 3 has been amended to show another printed circuit board 28. The other printed circuit board 28 is connected to the "connector 27." The specification has also been amended at page 6, line 24 to describe Applicants' exemplary embodiment more clearly. No new matter has been added.

Claims 1, 2, 5 and 7 were rejected under 35 U.S.C. § 102 (e) as being unpatentable over Mullenborn et al. Claim 1 is amended to include,

... wherein each of said loudspeakers **covers most of a distance extending from edge to edge** of said printed circuit board.
(Emphasis added).

Basis for these amendments may be found in Figs. 1 and 2. With regard to claim 1, Mullenborn et al. does not disclose "...each of said loudspeakers covers most of a distance extending from edge to edge of said printed circuit board."

Applicants have enclosed a copy of Applicants' Fig. 2 with markings (Exhibit 1) and a copy of Fig. 1c of Mullenborn et al. (Exhibit 2) to help in explaining the above features. Exhibit 1 corresponds to an exemplary embodiment of the present invention. Exhibits 1 and 2 are being submitted for illustrative purposes only.

Mullenborn et al. includes a plurality of speakers 80A-80D mounted on a printed circuit board 82. The printed circuit board 82 has four edges indicated as top edge, bottom edge, right edge and left edge. None of the speakers 80A-80D, however, "...cover most (D2) of a distance (D1) extending from edge to edge of said printed circuit board 82." For example, as shown at Exhibit 2, speaker 80c covers a distance (D2) from left edge to right edge. However, the distance (D2) is not most of a distance (D1) extending from left edge to right edge. As another example, speaker 80b covers a distance (D2) from top edge to bottom edge. However, the distance (D2) is also not most of a distance (D1) extending from top edge to bottom edge.

In contrast, the exemplary embodiment of Applicants' invention includes a plurality of speakers 23, "...wherein each of said loudspeakers covers most of a distance extending from edge to edge of said printed circuit board." Fig. 1 shows a plurality of speakers 23 mounted on printed circuit board 22. As shown at Exhibit 2, the printed circuit board 22 includes a left edge and a right edge. Each of said speakers 23 covers a distance (D2) that is **most of a distance (D1) extending from edge to edge (left edge to right edge)**. This gives Applicants' invention an advantage because a plurality of speakers can be easily manufactured and assembled in a thin and compact manner.

Claims 2, 5 and 7 depend from claim 1. Accordingly, claims 2, 5 and 7 are also allowable over the art of record.

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Claims 3, 4, 6 and 8 were rejected under 35 U.S.C. § 103 (a) as being unpatentable over Mullenborn et al. Claims 3, 4, 6 and 8 depend from claim 1. Accordingly, claims 3, 4, 6 and 8 are also allowable over the art of record.

In view of the amendments and arguments set forth above, the above identified application is in condition for allowance which action is respectfully requested.

Respectfully submitted,



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Enclosures: Replacement Fig. 3 (1 sheet)
Copy of previously filed Replacement Figs. 5A, 5B, and 5C (1 sheet)
Exhibit 1 and 2

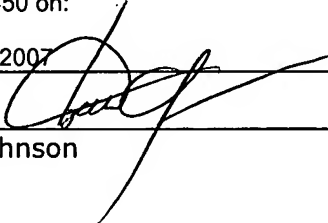
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June 15, 2007



Beth Johnson

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EXHIBIT 2

DO
NOT
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Mullenborn et al.

